

UCSD-0019.ST25.txt
SEQUENCE LISTING

<110> Burkart, Michael D.
LaClair, James J.

<120> COMPOSITIONS AND METHODS FOR ANALYSIS AND MANIPULATION OF ENZYMES
IN BIOSYNTHETIC PROTEOMES

<130> UCSD-0019

<140> 10/561,108

<141>

<150> PCT/US2004/019568

<151> 2004-06-17

<150> US 60/479,344

<151> 2003-06-17

<160> 2

<170> PatentIn version 3.3

<210> 1

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Construct

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<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa = Asp or Glu or Gln or Gly or Ser or Thr or Ala or Leu or Met
or Lys or Arg or His

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> Xaa = Leu or Ile or Val or Met or Phe or Tyr or Ser or Thr or Ala
or Cys

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<221> MISC_FEATURE

<222> (3)..(3)

<223> Xaa = Gly or Asn or Gln

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<222> (4)..(4)

<223> Xaa = Leu or Ile or Val or Met or Phe or Tyr or Ala or Gly

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<222> (5)..(5)

<223> Xaa = Asp or Asn or Glu or Lys or His or Ser

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<222> (7)..(7)

<223> Xaa = Leu or Ile or Val or Met or Ser or Thr

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<222> (8)..(8)

<223> Xaa = any amino acid except Pro or Cys or Phe or Tyr

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 <223> Xaa = Ser or Thr or Ala or Gly or Cys or Pro or Gln or Leu or Ile
 or Val or Met or Phe

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 <223> Xaa = Leu or Ile or Val or Met or Ala or Thr or Asn

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 <222> (11)..(11)
 <223> Xaa = Asp or Glu or Asn or Gln or Gly or Thr or Ala or Lys or Arg
 or His or Leu or Met

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 <223> Xaa = Leu or Ile or Val or Met or Trp or Ser or Thr or Ala

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 <222> (13)..(13)
 <223> Xaa = Leu or Ile or Val or Gly or Ser or Thr or Ala or Cys or Arg

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 <223> Xaa can be any amino acid

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 <223> Xaa = Leu or Ile or Val or Met or Phe or Ala

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Xaa Xaa Xaa Xaa Xaa Ser Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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 <212> PRT
 <213> Artificial sequence

<220>
 <223> synthetic construct

<400> 2

Met Ala Ile Pro Lys Ile Ala Ser Tyr Pro
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